

Butler, Douglas

PLUS
4/27/04

From: PLUS
Sent: Wednesday, April 14, 2004 11:04 AM
To: Butler, Douglas
Subject: PLUS Results for 10037118

Here are the PLUS search results for 10037118.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10037118_QUAL.txt



10037118_LIST.txt



10037118_WEST.txt



10037118_EAST.txt



10037118.east



10037118_CLS.txt



10037118_CLSTITLES.txt



10037118_WDS.txt

xt

10037118_LIST

PLUS Search Results for S/N 10037118, Searched April 14, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5573088	5524743	5270645
6186290	5528444	5496254
6202806	5528445	4267647
5598908	5552651	4404483
4608505	5650880	4488077
4808902	5803897	4491019
5194773	5883484	RE33186
6211591	6013993	5015902
6211591	6025666	5177393
4477743	6147425	5306977
5712520	6222349	5344443
4570766	6222349	5418446
3618720	4992687	5677579
3555326	5309081	5710469
3656815	4462467	5747913
4019110	4609859	6046881
4381048	4908565	4286183
4460838	5929610	4322624
4496864	4833386	4322648
4906060	4277734	4324996
5178582	4386298	4376903
5223791	4398111	4385252
5260642	4453774	4386784
5465802	4827204	4393345
5734135	4862052	4395669
5762173	4908553	4430063
5917248	4910423	4455228
5971121	4916390	4456842
6031309	5003241	4464596
6148967	5457372	4512724
6149544	5493188	4517505
5842547	5746294	4528473
4927136	5797472	4558511
5399966	5821712	4600873
4335633	6094024	4611139
5988336	6094025	4614853
6072296	6104155	4761598
6186297	6414909	4780632
4574225	6151930	4797590
5208522	5429319	4827171
5455473	5451832	4839585
4065706	5524834	4874976
4096420	5619109	4875110
4270075	5691591	4875785
4443795	5949211	4885494
4628231	6246192	4939399
4769581	6394239	5013946
4973866	4831298	5179872
5245495	4626727	5245238
5294857	4803390	5270604

10037118_EAST

(5573088
6186290
6202806
5598908
4608505
4808902
5194773
6211591
6211591
4477743
5712520
4570766
3618720
3555326
3656815
4019110
4381048
4460838
4496864
4906060
5178582
5223791
5260642
5465802
5734135
5762173
5917248
5971121
6031309
6148967
6149544
5842547
4927136
5399966
4335633
5988336
6072296
6186297
4574225
5208522
5455473
4065706
4096420
4270075
4443795
4628231
4769581
4973866
5245495
5294857) .pn.
(5524743
5528444
5528445
5552651
5650880
5803897
5883484
6013993
6025666

10037118_EAST

6147425
6222349
6222349
4992687
5309081
4462467
4609859
4908565
5929610
4833386
4277734
4386298
4398111
4453774
4827204
4862052
4908553
4910423
4916390
5003241
5457372
5493188
5746294
5797472
5821712
6094024
6094025
6104155
6414909
6151930
5429319
5451832
5524834
5619109
5691591
5949211
6246192
6394239
4831298
4626727
4803390) .pn.
(5270645
5496254
4267647
4404483
4488077
4491019
RE33186
5015902
5177393
5306977
5344443
5418446
5677579
5710469
5747913
6046881
4286183
4322624

10037118_EAST

4322648
4324996
4376903
4385252
4386784
4393345
4395669
4430063
4455228
4456842
4464596
4512724
4517505
4528473
4558511
4600873
4611139
4614853
4761598
4780632
4797590
4827171
4839585
4874976
4875110
4875785
4885494
4939399
5013946
5179872
5245238
5270604) .pn.

10037118_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10037118 on April 14, 2004

Original Classifications

7 318/254
4 192/21.5
3 310/263
3 310/77
3 318/375
2 188/164
2 188/267
2 310/198
2 310/40MM
2 310/68D
2 310/80
2 310/90.5
2 310/92
2 318/381
2 318/611
2 318/701
2 322/10
2 322/34
2 361/20

Cross-Reference Classifications

7 310/261
7 318/254
5 310/268
5 318/138
4 188/164
4 310/105
4 310/112
4 310/211
4 310/93
3 188/267
3 310/114
3 310/181
3 310/77
3 310/90
3 318/245
3 318/376
3 318/439
3 318/696
3 322/32
2 188/161
2 188/267.1
2 188/267.2
2 188/296
2 192/12D
2 192/21.5
2 192/84.3
2 192/84.961
2 290/46
2 310/113
2 310/162
2 310/166
2 310/168
2 310/180

10037118_CLS

2 310/184
2 310/198
2 310/200
2 310/201
2 310/254
2 310/258
2 310/263
2 310/266
2 310/269
2 310/49R
2 310/52
2 310/61
2 310/67R
2 310/68R
2 310/89
2 310/92
2 318/35
2 318/375
2 318/377
2 318/380
2 318/701
2 318/729
2 318/759
2 322/29
2 322/33
2 322/93
2 324/162
2 336/84R
2 361/18

Combined Classifications

14 318/254
7 310/261
6 188/164
6 192/21.5
6 310/268
6 310/77
6 318/138
5 188/267
5 310/112
5 310/263
5 310/93
5 318/375
4 310/105
4 310/114
4 310/181
4 310/198
4 310/211
4 310/92
4 318/376
4 318/696
4 318/701
3 188/267.1
3 188/267.2
3 192/84.961
3 310/162
3 310/168
3 310/266
3 310/269

10037118_CLS

3 310/49R
3 310/61
3 310/90
3 310/90.5
3 318/245
3 318/439
3 322/29
3 322/32
3 361/20
2 74/572
2 188/161
2 188/171
2 188/296
2 192/12D
2 192/84.3
2 290/46
2 310/113
2 310/156.01
2 310/156.32
2 310/166
2 310/180
2 310/184
2 310/200
2 310/201
2 310/254
2 310/258
2 310/267
2 310/40MM
2 310/50
2 310/52
2 310/67R
2 310/68B
2 310/68D
2 310/68R
2 310/76
2 310/80
2 310/89
2 318/35
2 318/377
2 318/380
2 318/381
2 318/502
2 318/611
2 318/729
2 318/757
2 318/759
2 318/760
2 318/763
2 322/10
2 322/28
2 322/33
2 322/34
2 322/93
2 324/146
2 324/162
2 336/84R
2 361/18
2 434/301
2 494/7

2 505/166

10037118_CLS

10037118_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10037118 on April 14, 2004

14	318/254	(7 OR, 7 XR)
	Class 318 :	ELECTRICITY: MOTIVE POWER SYSTEMS
	318/254	SELF-COMMUTATED IMPULSE OR RELUCTANCE MOTORS
7	310/261	(0 OR, 7 XR)
	Class 310 :	ELECTRICAL GENERATOR OR MOTOR STRUCTURE
	310/10	DYNAMOELECTRIC
	310/40R	.Rotary
	310/261	..Rotor structure
6	188/164	(2 OR, 4 XR)
	Class 188 :	BRAKES
	188/381	FRictional VIBRATION DAMPER
	188/158	.Electric
	188/161	..Electromagnet
	188/164	...Magnetic circuit
6	192/21.5	(4 OR, 2 XR)
	Class 192 :	CLUTCHES AND POWER-STOP CONTROL
	192/21.5	FIELD RESPONSIVE FRICTIONAL MEDIA TYPE
6	310/268	(1 OR, 5 XR)
	Class 310 :	ELECTRICAL GENERATOR OR MOTOR STRUCTURE
	310/10	DYNAMOELECTRIC
	310/40R	.Rotary
	310/261	..Rotor structure
	310/264	...Armatures
	310/268Disc
6	310/77	(3 OR, 3 XR)
	Class 310 :	ELECTRICAL GENERATOR OR MOTOR STRUCTURE
	310/10	DYNAMOELECTRIC
	310/40R	.Rotary
	310/66	..With other elements
	310/75R	...Drive mechanism
	310/77Brake
6	318/138	(1 OR, 5 XR)
	Class 318 :	ELECTRICITY: MOTIVE POWER SYSTEMS
	318/138	SPACE-DISCHARGE-DEVICE COMMUTATED MOTOR
5	188/267	(2 OR, 3 XR)
	Class 188 :	BRAKES
	188/266	INTERNAL-RESISTANCE MOTION RETARDER
	188/267	.Using magnetic flux
5	310/112	(1 OR, 4 XR)
	Class 310 :	ELECTRICAL GENERATOR OR MOTOR STRUCTURE
	310/10	DYNAMOELECTRIC
	310/40R	.Rotary
	310/112	..Plural units, structurally united
5	310/263	(3 OR, 2 XR)
	Class 310 :	ELECTRICAL GENERATOR OR MOTOR STRUCTURE
	310/10	DYNAMOELECTRIC

10037118_CLSTITLES

310/40R .Rotary
 310/261 ..Rotor structure
 310/263 ...Interfitting or claw tooth rotors

5 310/93 (1 OR, 4 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/92 ..Torque-transmitting clutches or brakes
 310/93 ...Brake type

5 318/375 (3 OR, 2 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/362 BRAKING
 318/375 .Dynamic braking

4 310/105 (0 OR, 4 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/92 ..Torque-transmitting clutches or brakes
 310/103 ...Magnetic field type
 310/105Induced or eddy current type

4 310/114 (1 OR, 3 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/114 ..Plural rotary elements

4 310/181 (1 OR, 3 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/179 ..Windings and core structure
 310/180 ...Field or excitation windings or structure
 310/181Combined permanent and electromagnet

4 310/198 (2 OR, 2 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/179 ..Windings and core structure
 310/195 ...Armature or primary
 310/198Plural windings

4 310/211 (0 OR, 4 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/179 ..Windings and core structure
 310/210 ...Secondary windings or conductors
 310/211Squirrel cage

4 310/92 (2 OR, 2 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/92 ..Torque-transmitting clutches or brakes

10037118_CLSTITLES

- 4 318/376 (1 OR, 3 XR)
 - Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 - 318/362 BRAKING
 - 318/375 .Dynamic braking
 - 318/376 ..Regenerative
- 4 318/696 (1 OR, 3 XR)
 - Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 - 318/696 OPEN-LOOP STEPPING MOTOR CONTROL SYSTEMS
- 4 318/701 (2 OR, 2 XR)
 - Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 - 318/700 SYNCHRONOUS MOTOR SYSTEMS
 - 318/701 .Hysteresis or reluctance motor systems
- 3 188/267.1 (1 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 - 188/267.1 .Electroviscous or electrorheological fluid
- 3 188/267.2 (1 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 - 188/267.2 .Magnetic fluid or material (e.g., powder)
- 3 192/84.961 (1 OR, 2 XR)
 - Class 192 : CLUTCHES AND POWER-STOP CONTROL
 - 192/30R CLUTCHES
 - 192/82R .Operators
 - 192/84.1 ..Electric or magnetic
 - 192/84.9 ...Operator for axially engaging elements
 - 192/84.96Fixed concentric coil
 - 192/84.961With pulley or gear
- 3 310/162 (1 OR, 2 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/159 ..A.C.
 - 310/162 ...Synchronous
- 3 310/168 (1 OR, 2 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/159 ..A.C.
 - 310/166 ...Induction
 - 310/168Inductor-type generators (variable reluctance)
- 3 310/266 (1 OR, 2 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/261 ..Rotor structure
 - 310/264 ...Armatures
 - 310/266Hollow (e.g., double air gap)

10037118_CLSTITLES

- 3 310/269 (1 OR, 2 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/261 ..Rotor structure
 310/264 ...Armatures
 310/269Salient pole
- 3 310/49R (1 OR, 2 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/46 ..Magnetic motors
 310/49R ...Step-by-step
- 3 310/61 (1 OR, 2 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/52 ..Cooling or fluid contact
 310/58 ...Circulation
 310/60RSelf-forced
 310/61Rotor passage
- 3 310/90 (0 OR, 3 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/90 ...Bearing or air-gap adjustment or bearing
 lubrication
- 3 310/90.5 (2 OR, 1 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/90 ...Bearing or air-gap adjustment or bearing
 lubrication
 310/90.5Magnetic bearing
- 3 318/245 (0 OR, 3 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/244 ALTERNATING CURRENT COMMUTATING MOTORS
 318/245 .Universal or A.C.-D.C. motors
- 3 318/439 (0 OR, 3 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/439 MOTOR COMMUTATION CONTROL SYSTEMS
- 3 322/29 (1 OR, 2 XR)
 Class 322 : ELECTRICITY: SINGLE GENERATOR SYSTEMS
 322/17 AUTOMATIC CONTROL OF GENERATOR OR DRIVING MEANS
 322/29 .Speed or frequency of generator
- 3 322/32 (0 OR, 3 XR)
 Class 322 : ELECTRICITY: SINGLE GENERATOR SYSTEMS
 322/17 AUTOMATIC CONTROL OF GENERATOR OR DRIVING MEANS

10037118_CLSTITLES

- 322/29 .Speed or frequency of generator
- 322/32 ..Frequency responsive devices or networks

- 3 361/20 (2 OR, 1 XR)
- Class 361 : ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES

- 361/1 SAFETY AND PROTECTION OF SYSTEMS AND DEVICES
- 361/20 .Generator protective circuits

- 2 74/572 (1 OR, 1 XR)
- Class 074 : MACHINE ELEMENT OR MECHANISM
- 74/469 CONTROL LEVER AND LINKAGE SYSTEMS
- 74/572 .Flywheels and rotors

- 2 188/161 (0 OR, 2 XR)
- Class 188 : BRAKES
- 188/381 FRICTIONAL VIBRATION DAMPER
- 188/158 .Electric
- 188/161 ..Electromagnet

- 2 188/171 (1 OR, 1 XR)
- Class 188 : BRAKES
- 188/381 FRICTIONAL VIBRATION DAMPER
- 188/166 .Spring
- 188/171 ..Electric release

- 2 188/296 (0 OR, 2 XR)
- Class 188 : BRAKES
- 188/266 INTERNAL-RESISTANCE MOTION RETARDER
- 188/290 .Using a rotary-type fluid damper
- 188/296 ..Driving radial vanes which cause toroidal
flow of brake fluid

- 2 192/12D (0 OR, 2 XR)
- Class 192 : CLUTCHES AND POWER-STOP CONTROL
- 192/12R CLUTCH AND BRAKE
- 192/12D .Electric

- 2 192/84.3 (0 OR, 2 XR)
- Class 192 : CLUTCHES AND POWER-STOP CONTROL
- 192/30R CLUTCHES
- 192/82R .Operators
- 192/84.1 ..Electric or magnetic
- 192/84.3 ...Including permanent magnet

- 2 290/46 (0 OR, 2 XR)
- Class 290 : PRIME-MOVER DYNAMO PLANTS
- 290/46 STARTING AND GENERATING DYNAMO

- 2 310/113 (0 OR, 2 XR)
- Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
- 310/10 DYNAMOELECTRIC
- 310/40R .Rotary
- 310/112 ..Plural units, structurally united
- 310/113 ...Motor-generator sets

- 2 310/156.01 (1 OR, 1 XR)
- Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE

10037118_CLSTITLES

- 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/152 ..Permanent magnet machines
 - 310/156.01 ...Permanent magnet rotor
- 2 310/156.32 (1 OR, 1 XR)
- Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/152 ..Permanent magnet machines
 - 310/156.01 ...Permanent magnet rotor
 - 310/156.32Including an axial air gap
- 2 310/166 (0 OR, 2 XR)
- Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/159 ..A.C.
 - 310/166 ...Induction
- 2 310/180 (0 OR, 2 XR)
- Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/179 ..Windings and core structure
 - 310/180 ...Field or excitation windings or structure
- 2 310/184 (0 OR, 2 XR)
- Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/179 ..Windings and core structure
 - 310/180 ...Field or excitation windings or structure
 - 310/184Plural field windings
- 2 310/200 (0 OR, 2 XR)
- Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/179 ..Windings and core structure
 - 310/195 ...Armature or primary
 - 310/200Variable length or tapped windings
- 2 310/201 (0 OR, 2 XR)
- Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/179 ..Windings and core structure
 - 310/195 ...Armature or primary
 - 310/201Bar windings
- 2 310/254 (0 OR, 2 XR)
- Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/254 ..Stator structure
- 2 310/258 (0 OR, 2 XR)
- Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE

10037118_CLSTITLES

- 310/10 DYNAMOELECTRIC
- 310/40R .Rotary
- 310/254 ..Stator structure
- 310/258 ...Frame and core type

- 2 310/267 (1 OR, 1 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/261 ..Rotor structure
 - 310/264 ...Armatures
 - 310/267Ring

- 2 310/40MM (2 OR, 0 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/40MM ..Miniature motors

- 2 310/50 (1 OR, 1 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/50 ..Portable or hand tool

- 2 310/52 (0 OR, 2 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/52 ..Cooling or fluid contact

- 2 310/67R (0 OR, 2 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/66 ..With other elements
 - 310/67R ...Inbuilt or incorporated unit

- 2 310/68B (1 OR, 1 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/66 ..With other elements
 - 310/68R ...Electric circuit elements
 - 310/68BCondition responsive (e.g., position, torque, etc.)

- 2 310/68D (2 OR, 0 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/66 ..With other elements
 - 310/68R ...Electric circuit elements
 - 310/68DConversion elements, (e.g., transformers, rectifiers, etc.)

- 2 310/68R (0 OR, 2 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC

10037118_CLSTITLES

- 310/40R .Rotary
 310/66 ..With other elements
 310/68R ...Electric circuit elements
- 2 310/76 (1 OR, 1 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/75R ...Drive mechanism
 310/76Brake and clutch
- 2 310/80 (2 OR, 0 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/75R ...Drive mechanism
 310/80Motion conversion
- 2 310/89 (0 OR, 2 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/85 ...Mechanical shields or protectors
 310/89Housings, windows or covers
- 2 318/35 (0 OR, 2 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/34 PLURAL, DIVERSE OR DIVERSELY CONTROLLED
 ELECTRIC MOTORS
 318/35 .Motors with diverse motions (e.g.,
 reciprocating and rotary motors)
- 2 318/377 (0 OR, 2 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/362 BRAKING
 318/375 .Dynamic braking
 318/376 ..Regenerative
 318/377 ...With additional source of e.m.f.
- 2 318/380 (0 OR, 2 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/362 BRAKING
 318/375 .Dynamic braking
 318/379 ..Locally closed armature circuit
 318/380 ...Closed through impedance or the like
- 2 318/381 (2 OR, 0 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/362 BRAKING
 318/375 .Dynamic braking
 318/379 ..Locally closed armature circuit
 318/381 ...With field or secondary circuit control
- 2 318/502 (1 OR, 1 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/494 ARMATURE (OR PRIMARY) CIRCUIT CONTROL

10037118_CLSTITLES

- 318/502 .Variable length or tapped armature winding
- 2 318/611 (2 OR, 0 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/560 POSITIONAL SERVO SYSTEMS (E.G.,
 SERVOMECHANISMS)
 318/611 .With stabilizing features (e.g., anti-hunting,
 damping)
- 2 318/729 (0 OR, 2 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/727 INDUCTION MOTOR SYSTEMS
 318/729 .Power-factor control
- 2 318/757 (1 OR, 1 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/727 INDUCTION MOTOR SYSTEMS
 318/757 .Braking
- 2 318/759 (0 OR, 2 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/727 INDUCTION MOTOR SYSTEMS
 318/757 .Braking
 318/759 ..Dynamic braking
- 2 318/760 (1 OR, 1 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/727 INDUCTION MOTOR SYSTEMS
 318/757 .Braking
 318/759 ..Dynamic braking
 318/760 ...Direct current primary winding braking
 circuit
- 2 318/763 (1 OR, 1 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/727 INDUCTION MOTOR SYSTEMS
 318/757 .Braking
 318/763 ..Reversal of power to primary winding
- 2 322/10 (2 OR, 0 XR)
 Class 322 : ELECTRICITY: SINGLE GENERATOR SYSTEMS
 322/10 WITH PHYSICAL STARTING AND/OR STOPPING OF THE
 GENERATOR
- 2 322/28 (1 OR, 1 XR)
 Class 322 : ELECTRICITY: SINGLE GENERATOR SYSTEMS
 322/17 AUTOMATIC CONTROL OF GENERATOR OR DRIVING MEANS
 322/28 .Voltage of generator or circuit supplied
- 2 322/33 (0 OR, 2 XR)
 Class 322 : ELECTRICITY: SINGLE GENERATOR SYSTEMS
 322/17 AUTOMATIC CONTROL OF GENERATOR OR DRIVING MEANS
 322/33 .Thermal conditions
- 2 322/34 (2 OR, 0 XR)
 Class 322 : ELECTRICITY: SINGLE GENERATOR SYSTEMS
 322/17 AUTOMATIC CONTROL OF GENERATOR OR DRIVING MEANS

10037118_CLSTITLES

- 322/33 .Thermal conditions
- 322/34 ..In generator and/or driving means
- 2 322/93 (0 OR, 2 XR)
 - Class 322 : ELECTRICITY: SINGLE GENERATOR SYSTEMS
 - 322/44 GENERATOR CONTROL
 - 322/89 .With armature or primary circuit control
 - 322/93 ..Tapped or sectionalized
- 2 324/146 (1 OR, 1 XR)
 - Class 324 : ELECTRICITY: MEASURING AND TESTING
 - 324/76.11 MEASURING, TESTING, OR SENSING ELECTRICITY, PER SE
 - 324/144 .With electromagnetic field (e.g., dynamometer)
 - 324/146 ..With permanent magnet (e.g., field, vane)
- 2 324/162 (0 OR, 2 XR)
 - Class 324 : ELECTRICITY: MEASURING AND TESTING
 - 324/160 ELECTRICAL SPEED MEASURING
 - 324/162 .With acceleration measuring means
- 2 336/84R (0 OR, 2 XR)
 - Class 336 : INDUCTOR DEVICES
 - 336/84R WITH ELECTRIC AND/OR MAGNETIC SHIELDING MEANS
- 2 361/18 (0 OR, 2 XR)
 - Class 361 : ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES
 - 361/1 SAFETY AND PROTECTION OF SYSTEMS AND DEVICES
 - 361/18 .Voltage regulator protective circuits
- 2 434/301 (1 OR, 1 XR)
 - Class 434 : EDUCATION AND DEMONSTRATION
 - 434/276 SCIENCE
 - 434/300 .Physics
 - 434/301 ..Electricity or magnetism
- 2 494/7 (1 OR, 1 XR)
 - Class 494 : IMPERFORATE BOWL: CENTRIFUGAL SEPARATORS
 - 494/1 WITH CONDITION RESPONSIVE MEANS
 - 494/7 .For controlling drive of (a) bowl or (b) driven means within bowl
- 2 505/166 (1 OR, 1 XR)
 - Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS, MATERIAL, PROCESS
 - 505/150 HIGH TEMPERATURE (Tc GREATER THAN 30 K) DEVICES, SYSTEMS, APPARATUS, COM- PONENTS, OR STOCK, OR PROCESSES OF USING
 - 505/166 .Dynamoelectric machine (e.g., motor, generator, etc.), rotational system or device (e.g., clutch, rotor, bearing, etc.), or components thereof